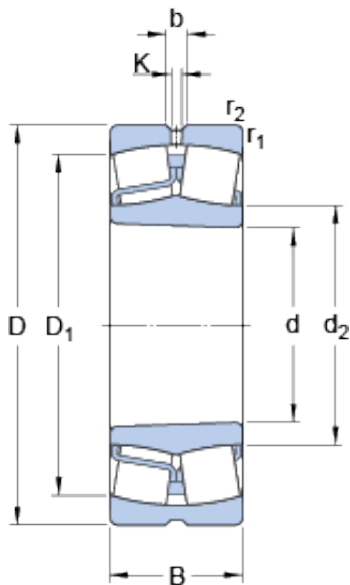




BEARING DRIVESHAFT ANDERSON, INC.



22224 EK Bearing 2D drawings and 3D CAD models

120 mm x 215 mm x 58 mm SKF 22224 EK
Spherical roller bearings

Bearing No. 22224 EK

Size	215x120x58 mm
Bore Diameter	120 mm
Outer Diameter	120 mm
Width	58 mm
d	120 mm
D	215 mm
B	58 mm
d ₂	141 mm
D ₁	189 mm
b	11.1 mm
K	6 mm
r _{1,2} - min.	2.1 mm
d _a - min.	128 mm
d _a - max.	141 mm
D _a - max.	203 mm
r _a - max.	2 mm
Basic dynamic load rating - C	652 kN
Basic static load rating - C ₀	765 kN
Fatigue load limit - P _u	73.5 kN
Reference speed	2800 r/min
Limiting speed	3800 r/min
Calculation factor - e	0.26
Calculation factor - Y ₁	2.6
Calculation factor - Y ₂	3.9



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Calculation factor - Y_0	2.5
Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	8.838
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AHX3124 (Specify bore)
Withdrawal Nut	KM26
Inch - Metric	Metric
Long Description	120MM Tapered Bore; 215MM Outside Diameter; 58MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part N
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing



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Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	19.467
Width	2.283 Inch 58 Millimeter
Adapter Part Number	SNW3124 H3124 HA3124 HE3124 (Specify bore) Inch H3124 (Specify bore) Millimeter
Outside Diameter	8.465 Inch 215 Millimeter
Bore	4.724 Inch 120 Millimeter
bore diameter:	120 mm
maximum rpm:	3800 RPM
outside diameter:	215 mm
operating temperature range:	Maximum of +390 ° F
overall width:	58 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	58 mm
dynamic load capacity:	630 kN
fillet radius:	2 mm
static load capacity:	765 kN
series:	222
d ₂	141 mm
D ₁	189 mm



BEARING DRIVESHAFT ANDERSON, INC.

$r_{1,2}$ min.	2.1 mm
D_a max.	203 mm
r_a max.	2 mm
Basic dynamic load rating C	652 kN
Basic static load rating C_0	765 kN
Fatigue load limit P_u	73.5 kN
Calculation factor e	0.26
Calculation factor Y_1	2.6
Calculation factor Y_2	3.9
Calculation factor Y_0	2.5
Mass bearing	8.5 kg